

### ABSTRACT OF THE DISCLOSURE

An apparatus and method of displaying a first image on a display device with a plurality of pixels assigns one of a plurality of sample patterns to each pixel on the display device. Each pixel is assigned the one of a plurality of patterns based upon its unique location on the display device. Each sample pattern has at least one sample location. It then is determined if the first image intersects any of the sample locations on each pixel. Pixels determined to have at least one sample location that intersect the first image thus are illuminated.

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